

REMARKS

In the Office Action mailed June 30, 2005, Claims 1-61 were pending in the application with Claims 29-33, 36-44, and 46-61 being withdrawn as non-elected claims in response to a previous restriction requirement and species election. Therefore, Claims 1-28, 34-35, and 45 were pending for consideration. Of these claims, the Examiner rejected Claims 1-20, 24-25, and 34-35 as allegedly anticipated under 35 U.S.C. § 102(b) by U.S. Patent No. 5,224,927 to Tapper et al. (hereinafter "Tapper"). In addition, Claims 6-19 were rejected as allegedly obvious under 35 U.S.C. § 103(a) in view of Tapper. Finally, the Examiner objected to Claims 21-23, 26-28, and 45 as being dependent on a rejected base claim, but indicated that such claims would be otherwise allowable if rewritten in independent form.

As previously stated, by the present amendment, Claims 1-20 have been canceled, and Claims 21, 26, and 45 have been rewritten in independent form with all the limitations of the previous Claim 1. Further, Claims 24-25 have been amended to depend from Claim 21. Accordingly, Applicant's respectfully submit that the rejections under 35 U.S.C. §§ 102(b) and 103(a) in view of Tapper are deemed moot. It is, however, to be understood that such cancellations and amendments have been made for the sake of expediting the prosecution of the present matter and without conceding the correctness of the Examiner's position. Applicants specifically reserve the right to present any canceled or compromised claim in a future related patent application.

Of particular note in this case is that the Examiner has withdrawn Claim 29 because of its recitation of the term "direct current" alleging that such constitutes a claim to a non-elected species. A review of Claim 29 reveals that the appearance of the term "direct current" is an obvious typographical error, and that such term should be "alternating current". The fact that the term "alternating current" was intended in Claim 29 rather than "direct current" is illustrated by reading Claim 29 in context with Claims 26-28 from which it ultimately depends. By the present amendment, Claim 29 has been amended to correct this typographical error, and Applicants respectfully request that in view of this discovery and correction that it be reinstated as an active

claim in the present application and be considered by the Examiner.



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CONCLUSION

In view of the foregoing, Applicants believe that pending Claims 21-29, 34-35, 45, and 62-80 present allowable subject matter and allowance thereof is respectfully requested. It is noted that Claims 30-33, 36-44, and 46-61 remain withdrawn, but pending in the present application. The Examiner is invited to cancel such claims by Examiner's amendment in the event that he should allow Claims 21-29, 34-35, 45, and 62-80.

If any impediment to the entry of the present amendment and allowance of the claims in view thereof remains which could be removed during a telephone interview, the Examiner is invited to telephone the undersigned attorney, or in his absence, Mr. Wayne Western of this office, so that such issues may be resolved as expeditiously as possible.

Please charge any additional fees except for Issue Fee or credit any overpayment to Deposit Account No. 20-0100.

Dated this 11th day of August, 2005.

Respectfully submitted,

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